

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	379	264/46.8	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2010/07/22 16:51
L2	58	1 and (264/510 264/571 264/321)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2010/07/22 16:51
L3	47	((PAUL) near2 (BRI STOW)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/22 16:52
L4	230	((SCOTT) near2 (DAVIS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/22 16:52
L5	16	4 and void	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2010/07/22 16:53
L6	11	((JESSE) near2 (H I PWELL)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/22 16:54
L7	22	((RANDALL) near2 (MYERS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/22 16:54
L8	34	((ERI CH) near2 (TEUTSCH)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/22 16:59
S1	10	((("4529641") or ("6322658") or ("5635129") or ("4211590"))).PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/12/09 08:57
S2	19	("3938782"   "3947315"   "4166090"   "4257754"   "5001000"   "5215627"   "5601679"   "6136441"   "6689474").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/06/09 08:46
S3	1322	264/510	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/06/09 08:46

S4	849	(S1 S2 S3) and vacuum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/06/09 08:47
S5	9	(S1 S2) and vacuum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/06/09 09:31
S6	17	("4020207"   "4131702"   "4211590"   "4327049"   "4828910"   "4840832"   "4957797"   "5057175"   "5292577"   "5486256"   "5503903"   "5614145"   "5660908"   "5679296"   "5718791"   "5874136"   "5976295").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/09 09:25
S7	5	(S6) and vacuum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/06/09 09:31
S8	26	(foamed with polystyrene) same fiber same void	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 07:42
S9	215	(foamed with polystyrene) same void	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 07:19
S10	1	(foamed with polystyrene) same (void near2 content)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 07:20
S11	1	(foamed with polystyrene) same (void with content)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 07:20
S12	958	(foamed with polystyrene) same fiber	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 07:42

S13	202	(foamed with polystyrene) same (fiber with reinforcement\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 08:20
S14	78	(foamed with polystyrene) same (fiber with reinforcement\$4)	US-PGPUB; USPAT	OR	ON	2006/07/10 07:44
S15	12	S14 and thermoform\$4	US-PGPUB; USPAT	OR	ON	2006/07/10 08:25
S16	2	("4472550"   "4810551").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/07/10 07:54
S17	4	(foamed with polystyrene) same (fiber with reinforcement\$4) same (open near 2 cell)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 08:22
S18	6	(foamed with polystyrene) same (fiber with reinforcement\$4) and (open near 2 cell)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 08:23
S19	68	(foamed with polystyrene) and (fiber with reinforcement\$4) and (open near 2 cell)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 08:23
S20	62	S19 not S18 not S17	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/07/10 08:23
S21	7	S20 and thermoform\$4	US-PGPUB; USPAT	OR	ON	2006/07/10 08:25
S22	1	10/805760	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/10/11 16:45
S23	2	"5622756".pn.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/10/16 07:19
S24	1362	264/510	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/28 15:36
S25	717	264/571	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/28 15:36

S26	1127	264/321	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/29 10:11
S27	10	S25 and S26	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/28 15:37
S28	11	("5141578"   "5177824"   "5221510"   "5308420"   "5318645"   "5560877"   "5736075"   "5928600"   "5972257"   "6129798"   "6238602").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 10:03
S29	0	("6413454").URPN.	USPAT	OR	ON	2006/12/29 10:09
S30	8	("4347213"   "4615856"   "4783288"   "4828325"   "5128073"   "5316149"   "5449887"   "5609891").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/29 10:09
S31	1	("6358459").URPN.	USPAT	OR	ON	2006/12/29 10:10
S32	2	264/321 and (void with content)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/29 10:17
S33	154	264/321 and (void)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/29 10:17
S34	15	264/321 and (void with (percent "%"))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/29 10:22
S35	3	S34 and vacuum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/29 10:40
S36	15	("5401456").URPN.	USPAT	OR	ON	2006/12/29 10:39

S37	9	S36 and vacuum	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2006/12/29 11:21
S38	1	(layer\$3 thermoform\$4 fiber reinforce\$5 plastic void vacuum (percent or "%" film).dm.	US-PGPUB	AND	ON	2006/12/29 11:22
S39	2	("6224706").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/06/15 14:10
S40	49	("20030146543"   "20030220036"   "0146543"   "20050164023"   "0164023"   "3446686"   "3938782"   "3947315"   "3446686"   "4166090"   "4201612"   "4257754"   "4529641"   "4868030"   "4201612"   "4868030"   "5001000"   "5215627"   "5407610"   "5601679"   "5622756"   "5854149"   "5407610"   "6136441"   "6689474"   "6224706").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/06/16 16:42
S41	10	("3929536"   "4024309"   "4337116"   "4880588"   "4980214"   "5051144"   "5201981"   "5252164"   "5346571"   "5833796").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 15:34

S42	6	("3654012"   "4615438"   "4769100"   "4894102"   "5034077"   "5201981").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 16:10
S43	360	264/46.8	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 16:10
S44	2	S43 and (void near2 content)	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 16:18
S45	7	("5049342").URPN.	USPAT	OR	ON	2007/06/16 16:12
S46	18	S43 and porosity	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 16:13
S47	39	S43 and (void )	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 16:18
S48	10	("4035215"   "4190697"   "4670331"   "4791019"   "4863791"   "4925615"   "5200252"   "5258089"   "5501895"   "5558931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/16 16:22
S49	4	("5968629").URPN.	USPAT	OR	ON	2007/06/16 16:23
S50	4	S40 and (void porosity) and (fiber filler)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/06/16 16:42
S51	4	((("6224706") or ("5968629"))).PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/08/15 13:45
S52	10	("3929536"   "4024309"   "4337116"   "4880588"   "4980214"   "5051144"   "5201981"   "5252164"   "5346571"   "5833796").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 14:02

S53	6	("3654012"   "4615438"   "4769100"   "4894102"   "5034077"   "5201981").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/15 14:08
S54	49	("20030146543"   "20030220036"   "20050164023"   "3446686"   "3938782"   "3947315"   "4166090"   "4201612"   "4257754"   "4529641"   "4868030"   "5001000"   "5215627"   "5407610"   "5601679"   "5622756"   "5854149"   "6136441"   "6689474"   "6224706"   "7060217").PN.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/08/15 14:16
S55	3	S54 and ((punch\$5 drill \$5 stamp\$5) with (hole aperture))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/08/15 14:47
S56	2	"00699945"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/08/15 14:48
S57	13	"1124878"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/08/15 14:55
S58	88	thermoform\$4 same vacuum same ((drill\$4 punch\$4 stamp\$4) with (hole aperture))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/08/15 14:59
S59	2	thermoform\$4 same vacuum same ((drill\$4 punch\$4 stamp\$4) with (hole aperture) with substrate)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/08/15 14:59
S60	4	((("6224706") or ("5968629")).PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/12/08 14:04

S61	2	("4529641").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/12/08 13:11
S62	2	10/805760	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2007/12/08 13:11
S63	2	("5854149").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/12/08 14:04
S64	2	("4664859").PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/12/09 08:58
S65	4	((("4664859") or ("5862946"))).PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2007/12/09 08:58
S66	4	((("5008066") or ("5744082"))).PN.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2010/07/22 11:07

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	2	(layer\$4 thermoform \$4 substrate fiber reinforc\$4 plastic (void or cell) vacuum film).clm.	US-PGPUB; UPAD	AND	ON	2010/07/22 17:01

**7/ 22/ 10 5:03:35 PM****C:\Documents and Settings\MFontaine\My Documents\EAST\Workspaces\10805760.wsp**